

LOCAL NOTICE TO MARINERS

U.S. Department of
Homeland Security

**United States
Coast Guard**



MONTHLY EDITION

U.S. Coast Guard Eleventh District

ISSUED BY: COMMANDER ELEVENTH COAST GUARD DISTRICT (oan)

Coast Guard Island, Building 50-6, Alameda, California 94501-5100

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**For subscription information and other questions, comments and suggestions,
call BM3 Pat Olmstead at (510) 437-2986 or**

e-mail at polmstead@d11.uscg.mil

Boating Safety Classes or Information: 1-800-869-SAIL (7245)

BROADCAST NOTICE TO MARINERS - Information concerning aids to navigation and waterway management promulgated by BNM 0485-03 to BNM 0534-03 has been incorporated in this notice if still significant.

LIGHT LIST REFERENCE: COMDTPUB P16502.6 LIGHT LIST, VOLUME VI 2003 Edition

USE OF THE LOCAL NOTICE TO MARINERS

The Monthly edition of the Local Notice to Mariners contains all information relevant to the waterways within the Eleventh Coast Guard District. This Monthly edition should be retained as a reference for subsequently issued Weekly Supplements.

I. SPECIAL NOTICES

dGPS STATUS AS OF 06 May 2003:

For information regarding the dGPS system, or for status updates contact the Petaluma Control Center at (707) 765-7612/ 7613.

Proposed off-air dates:

None.

LNM 18/03 dated 06 May 2003.

LORAN-C STATUS AS OF 06 May 2003:

Loran-C stations for 8290 and 9940 Chains are on air. For information regarding the Loran-C System, contact the Coordinator of Chain Operations West Coast at (707) 765-7518.

LNM 18/03 dated 06 May 2003.

The Coast Guard announces the transmission of test signals from the newly established dGPS site at Austin, Nevada. These transmissions are for system test and verification purposes only, users are cautioned not to rely on these signals for navigation or safety of life applications at this time. The specifics on the new signal are as follows:

Location - 39°23.4'N 117°18.0'W

Frequency - 312kHz

Baud Rate - 100bps

Broadcast Site I.D. - 798

Reference Station A I.D. - 74

Reference Station B I.D. - 75

Anticipated Coverage - 250km around Austin, NV.

LNM 18/03 dated 06 May 2003.

06 May 2003

THE LOCAL NOTICE TO MARINERS IS AVAILABLE ON THE
WORLD WIDE WEB AT WWW.NAVCEN.USCG.GOV/LNM/D11/

LNM 18/03

II. DISCREPANCIES / DISCREPANCIES CORRECTED AS OF 0800U 06 May 2003

LLNR	NAME OF AID	STATUS	CHARTS AFFECTED	BNM REF.	LNM REF.
405.00	Fort Ross Bell Buoy 14	OFF STATION	18640	0395-03	14-03
420.00	Point Arena LT	BURNING DIM	18640	0326-03	11-03
480.00	Cape Mendocino LT	EXTINGUISHED	18620	0513-03	18-03*
510.00	NOAA Environmental LB	ADRIFT	18620	0442-03	16-03
1505.00	San Diego Bay Entrance RNG Rear LT	OBSTRUCTED	18773	0225-03	07-03
1555.00	San Diego Bay CH LB 10	EXTINGUISHED	18773	0535-03	18-03*
1595.00	Shelter Island West End LT 2	DESTROYED	18773	0124-03	04-03
1859.00	San Diego-Coronado Bridge RACON T	INOPERATIVE	18773	1317-02	52-02
1861.00	San Diego-Coronado Bridge RACON C	INOPERATIVE	18773	0843-02	37-02
2870.00	Long Beach HBR LT Mooring Buoy	IMPROPER CHARACTERISTICS	18749	0381-03	13-03
3107.00	Los Angeles Approach LWB 3	RACON INOPERATIVE	18751	0224-03	10-03
4970.00	San Bruno Shoal CH LT 6	DAY BOARD MISSING	18651	0533-03	18-03*
5720.00	Brickyard Cove HBR LT 2	EXTINGUISHED	18649	0514-03	18-03
6217.00	Carquinez Str Bridge S CH RACON	INOPERATIVE	18656	0102-03	04-03
7915.00	Bodega HBR CH LT 28	EXTINGUISHED	18643	0534-03	18-03*
7940.00	Bodega HBR CH LT 33	EXTINGUISHED	18643	0482-03	17-03
8505.00	Lake Tahoe Buoy 34	OFF-STATION	18655	0280-03	09-03
8530.00	Lake Tahoe Sand HBR Buoy Z	OFF-STATION	18603	0329-03	11-03

Discrepancies Corrected

8085.00	Noyo River Entrance LBB 2	WATCHING PROPERLY	18626	0440-03	16-03
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III. TEMPORARY CHANGES/TEMPORARY CHANGES CORRECTED - ESTABLISHED/DISCONTINUED AIDS

50.00	Camp Pendleton South LT	DISESTABLISHED	18740	0308-03	10-03
60.00	Camp Pendleton North LT	DISESTABLISHED	18740	0307-03	10-03
325.00	NOAA Environmental LB 46012	DISESTABLISHED	18680	0129-03	10-03
1567.00	San Diego Submerged Jetty LT E	TRLB	18773	0429-03	16-03
2054.00	Sweetwater Channel LT 4	TRLB/IMPROP CHARACTER	18773	0229-00	16-00
2225.00	Chula Vista Channel LT 15	TRLB	18773	0280-02	14-02
2465.00	Newport Bay Channel LT 10	DISESTABLISHED	18754	0528-03	18-03
2570.00	San Clemente N End Radar Buoy A	DISESTABLISHED	18762	1064-02	45-02
2620.00	Avalon Bay LT 2	DISESTABLISHED	18755	0372-03	13-03
3136.00	Terminal Island LB 4	DISESTABLISHED	18751	0484-03	17-03
3142.00	Terminal Island LB 6	DISESTABLISHED	18751	0146-03	05-03
4090.00	Santa Cruz HBR Buoy 1	TEMPORARILY DISESTABLISHED	18685	0515-03	18-03*
4095.00	Santa Cruz HBR LB 2	TEMPORARILY DISESTABLISHED	18685	0516-03	18-03*
4100.00	Santa Cruz HBR Buoy 3	TEMPORARILY DISESTABLISHED	18685	0517-03	18-03*
4105.00	Santa Cruz HBR Buoy 4	TEMPORARILY DISESTABLISHED	18685	0518-03	18-03*
6860.00	San Joaquin River LT 49	TRLB	18661	0243-03	09-03
8580.00	Lake Tahoe Restricted Area DBN K	TRUB	18665	1036-01	44-01
8585.00	Lake Tahoe Restricted Area DBN L	TRUB	18665	1037-01	44-01

TEMPORARY CHANGES CORRECTED:

8080.00	Albion River LT 1	WATCHING PROPERLY	18643	0423-03	15-03
8330.00	Hookton Channel LT 10	WATCHING PROPERLY	18622	1038-00	51-00

IV. CHART CORRECTIONS

EXPLANATION OF FORMAT - Corrective action affecting charts is contained in this section. Chart corrections are listed numerically by chart number, beginning with the lowest and progressing through all charts affected. Each correction pertains to a particular chart and to that chart only. It is up to the mariner to decide which charts are to be corrected. The following example explains the individual elements of a typical correction:

Chart number	Chart edition	Edition date	Reference datum	Last Local Notice to Mariners	Source of correction	Current Notice to Mariners
18649 (Temp)	53rd ed CA - SAN Add	05/6/1989 FRANCISCO BAY - General Location Embonnee Channel Light 1	NAD 83 FIR 2.5s 7M	Last LNM: 35/89	(CGD11) 37°48'00.000"N	37/89 122°15'00.000"W
	Corrective action	Object of corrective action				Position

(Temp) located below the chart number indicates that the corrective action is temporary. Courses and bearings are given in degrees clockwise from 000° True. Bearings of light sectors are toward the light from seaward. The nominal range of a light is expressed in nautical miles, (e.g. 7M).

18622	52 nd ed. CA - HUMBOLDT BAY Delete	Jun 30 2001 buoy G "5" FL G 4s buoy R "6" FL R 2.5s buoy R "12" FL R 2.5s	NAD 83	Last LNM: 17/03	(CGD11)	18/03
	Add	Light FL G 4s 15ft 4M "5" Light FL R 2.5s 15ft 3M "6" Light FL R 2.5s 15ft 3M "12"			40°44'32.200"N 40°44'24.500"N 40°43'54.500"N	124°13'30.500"W 124°13'25.900"W 124°13'13.900"W
	Relocate	Light FL R 4s 15ft 3M "10"		from 40°44'04.600"N 124°13'15.300"W to	40°44'32.472"N 40°44'24.660"N 40°43'52.074"N	124°13'30.198"W 124°13'33.834"W 124°13'13.956"W

Chart Corr. (Cont.)

18643	17 th ed. (and inset) Relocate	Apr 01 2003 CA – BODEGA AND TOMALES BAY – BODEGA HARBOR	NAD 83	Last LNM: 16/03	(CGD11)	18/03
		Daybeacon R “34” PA	from	38°19'48.700"N 123°03'08.006"W	to	38°19'48.838"N 123°03'07.904"W
		Light FI R 2.5s “36”	from	38°19'53.521"N 123°03'07.394"W	to	38°19'52.377"N 123°03'07.488"W
		Daybeacon R “38” PA	from	38°19'52.700"N 123°03'01.600"W	to	38°19'53.734"N 123°03'01.439"W
		Daybeacon R “42” PA	from	38°19'47.700"N 123°02'51.005"W	to	38°19'48.016"N 123°02'51.953"W
		Daybeacon R “44”	from	38°19'44.232"N 123°02'48.718"W	to	38°19'43.908"N 123°02'47.861"W
		Daybeacon R “46” PA	from	38°19'37.700"N 123°02'40.005"W	to	38°19'38.764"N 123°02'40.966"W
18652	31 st ed. (PAGE C - PETALUMA RIVER EXTENSION) Substitute Add Delete	Sep 29 2001 CA - SAN FRANCISCO BAY TO ANTIOCH 7 ft sounding for 2 ft 8 ft sounding for 6 ft 5 ft sounding 3 ft sounding	NAD 83	Last LNM: 16/03	(NOS NW - 6520)	18/03
					at	38°13'47.300"N 122°37'36.800"W
					at	38°13'32.400"N 122°36'29.900"W
					at	38°13'44.400"N 122°37'04.400"W
					at	38°13'43.400"N 122°37'11.700"W
18654	42 nd ed. Substitute Add Delete	Apr 6 2002 CA-SAN PABLO BAY 4 ft sounding for 3 ft 8 ft sounding for 2 ft 7 ft sounding for 1 ft 7 ft sounding for 2 ft 8 ft sounding for 5 ft 7 ft sounding for 3 ft 9 ft sounding for 6 ft 8 ft sounding for 5 ft 8 ft sounding for 6 ft 5 ft sounding 8 ft sounding	NAD 83 (CONTINUATION OF PETALUMA RIVER)	Last LNM: 12/03	(NOS NW - 6520)	18/03
					at	38°14'06.700"N 122°38'15.400"W
					at	38°14'00.200"N 122°37'54.700"W
					at	38°13'55.900"N 122°37'46.500"W
					at	38°13'47.300"N 122°37'36.800"W
					at	38°13'46.100"N 122°37'19.600"W
					at	38°13'44.000"N 122°37'12.900"W
					at	38°13'42.200"N 122°36'48.400"W
					at	38°13'36.900"N 122°36'37.900"W
					at	38°13'32.400"N 122°36'29.900"W
					at	38°13'44.400"N 122°37'04.400"W
					at	38°13'44.300"N 122°37'00.800"W
18685	31 st ed. Add	May 16 1998 CA - MONTEREY BAY pilot boarding area with a 1 NM radius Label: Pilot Boarding Area	NAD 83	Last LNM: 08/03	(NOS NW -6496)	18/03
					centered at	36°40'00.000"N 121°58'00.000"W
					centered at	36°40'03.400"N 121°57'58.400"W
18703	24 th ed. Substitute	Jan 26 2002 CA - ESTERO BAY 21 fm sounding for 2 fm	NAD 83	Last LNM: 15/03	(NOS NW -6528)	18/03
					at	35°11'30.100"N 120°51'13.200"W
18725	26 th ed. Add	Oct 11 1997 CA – PORT HUENEME TO SANTA BARBARA buoy FI Y 4s Priv	NAD 83	Last LNM: 15/03	(CGD11)	18/03
					at	34°21'00.000"N 119°32'00.000"W
18740	39 th ed. Delete	Jul 28 2001 CA - SAN DIEGO TO SANTA ROSA ISLAND magenta dashed line and text: DANGER AREA FIRING RANGE	NAD 83	Last LNM: 08/03	(NOS NW –6525)	18/03
					from	32°36'36.600"N 117°08'06.200"W
					to	32°36'31.800"N 117°10'24.300"W
					to	32°35'32.800"N 117°10'21.700"W
					to	32°35'37.900"N 117°07'57.500"W
18765	15 th ed. Delete	Feb 16 2002 CA - APPROACHES TO SAN DIEGO BAY magenta dashed line and text: DANGER AREA FIRING RANGE	NAD 83	Last LNM: 02/03	(NOS NW -6525)	18/03
					from	32°36'36.600"N 117°08'06.200"W
					to	32°36'31.800"N 117°10'24.300"W
					to	32°35'32.800"N 117°10'21.700"W
					to	32°35'37.900"N 117°07'57.500"W
18773	38 th ed. Delete	Jul 28 2001 CA - SAN DIEGO BAY magenta dashed line and text: DANGER AREA FIRING RANGE	NAD 83	Last LNM: 08/03	(NOS NW -6525)	18/03
					from	32°36'36.600"N 117°08'06.200"W
					to	32°36'31.800"N 117°10'24.300"W
					to	32°35'32.800"N 117°10'21.700"W
					to	32°35'37.900"N 117°07'57.500"W

V. ADVANCE NOTICE OF CHANGES IN AIDS TO NAVIGATION

None.

VI. PROPOSED CHANGES IN AIDS TO NAVIGATION

None.

06 May 2003

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WORLD WIDE WEB AT WWW.NAVCEN.USCG.GOV/LNM/D11/

LNM 18/03

VII. GENERAL INFORMATION

All times are given in local time, represented by the time followed by (U).

GENERAL - NATIONAL TIDAL DATUM UPDATE PLANNED FOR APRIL 2003 - The National Oceanic and Atmospheric Administration, National Ocean Service (NOS) is updating the nation's tidal datums to a new National Tidal Datum Epoch (NTDE) to reflect changes in mean sea level along the nation's coast. It is the policy of NOS to consider a revised NTDE every 20-25 years in order to take into account relative sea level changes caused by global sea level change and the effects of long-term local land movement due to subsidence or glacial rebound. Previous tidal Epochs were determined for periods 1924-42, 1941-59, and 1960-78. Water level measurements taken by NOS over long periods of time are used to smooth out shorter term (daily, monthly, annual) variations, which help reveal long-term trends. (See the following web site for sea level trends

<http://tidesandcurrents.noaa.gov/sltrends/sltrends.shtml>). The NOS Center for Operational Oceanographic Products and Services (CO-OPS) has the responsibility for operating and maintaining the National Water Level Observation Network, comprised of 175 long-term stations in the coastal ocean and Great Lakes. The tide stations are used as the primary reference for determination of tidal datums and benchmark elevations (permanent monuments with elevations referenced to tidal datums) for station locations listed on the CO-OPS web site <http://tidesandcurrents.noaa.gov>. A significant number of these tidal benchmark information sheets will be made available on the 1983-2001 NTDE after April 21, 2003. The remaining stations, that meet NOS publication standards, will be continuously updated until the process is completed at the end of FY 2003. Information concerning the NTDE update will be posted at the above-mentioned web site. For further comments or details, contact Steve Gill at (301) 713-2981 Extension 139, or Stephen.Gill@noaa.gov. Chart: None LNM 14/03 dated 08 Apr 2003.

SOUTHERN CALIFORNIA - SAN DIEGO BAY - DIVING OPERATIONS - The U.S. Navy will be conducting diving operations **through 31 Dec 2003** in the vicinity of North Island. Operations will involve inert mines and other submerged objects in an area bound by the following coordinates: 32°40.23'N 117°12.5'W, 32°40.23'N 117°12.81'W, 32°40.21'N 117°12.81'W, 32°40.22'N 117°12.18'W. For further comments or details, contact Manuel Jimenez at (619) 437-5284 or e-mail jimenez@vsw.navy.mil. Chart: 18773 LNM 02/03 dated 14 Jan 2003.

SOUTHERN CALIFORNIA - SAN DIEGO BAY - CAMP PENDLETON - The Marine Corps is testing an advanced amphibious assault vehicle **0700U to 1700U Monday through Friday until 31 Dec 2003** off of Camp Pendleton. Several support boats will be in the vicinity of testing vehicles. The water safety officer will be monitoring VHF - FM Ch. 16. For further comments or details, contact QMC Rich Dann at (619) 683-6309. Chart: 18740 LNM 39/02 dated 24 Sep 2002.

SOUTHERN CALIFORNIA - SAN DIEGO BAY - DREDGING OPERATIONS - Manson Construction is conducting dredging and construction operations at Piers 10 and 11 at the Naval Station **through 01 Jul 2003**. The DUMP SCOW *SEAPORT* and TUG *MIOI* will be on scene monitoring VHF-FM Ch. 12 and 16. Mariners are advised to use caution when transiting the area. For further comments or details, contact Brad Hunter at (619) 239-8470. Chart: 18773 LNM 04/03 dated 28 Jan 2003.

SOUTHERN CALIFORNIA - SAN DIEGO BAY - NAVY ASSET PROTECTION BARRIERS - The U.S. Navy has constructed a protection barrier for its assets at Point Loma. Anchor locations for the barriers are in the following positions: 32°41.45'N 117°14.36'W (shore), 32°41.46'N 117°14.32'W, 32°41.49'N 117°14.23'W, 32°41.49'N 117°14.11'W 32°41.43'N 117°14.01'W, 32°41.32'N 117°14.0'W, 32°41.24'N 117°13.98'W, 32°41.24'N 117°14.03'W, 32°41.20'N 117°13.99'W, 32°41.19'N 117°13.99'W (shore). Each mooring position (29 of them) will show a characteristic of Quick Y. These barriers will be in place **until further notice**. For further comments or details, contact Lieutenant Henry P. Pierce, USN at (619) 556-3143. Chart: 18773 LNM 12/03 dated 25 Mar 2003.

SOUTHERN CALIFORNIA - SAN DIEGO - DREDGING OPERATIONS - Manson Construction is conducting dredging operations **through 09 May 2003** at the Naval Station, in the location of the recently demolished Piers 10 and 11. Dredging operations will occur **between Monday and Saturday, 24 hours per day**. D/B *NJORD* and several other vessels will be in the area, monitoring VHF-FM Ch. 12, 16, and 66. This is the resumption of the dredging that commenced in Jan 2002. Mariners are advised to use caution when transiting the area. For further comments or details, contact Brad Hunter at (619) 239-8470. Chart: 18772 LNM 15/03 dated 15 Apr 2003.

SOUTHERN CALIFORNIA - SAN DIEGO - DIVING OPERATIONS - Thales GeoSolutions (Pacific), Inc. will conduct diving operations at the San Elijo Outfall **on 06 May 2003 through 08 May 2003** between 0700T to 1900T. The Vessel M/V Locator will be on scene and monitoring VHF Ch 16. Mariners are advised to use caution when transiting the area. For further comments or details contact James Hailstones Project Manager (858) 292-8922. Chart: 18722 LNM 18/03 dated 06 May 2003.

SOUTHERN CALIFORNIA - SAN DIEGO - VIDEO SURVEY - Thales GeoSolutions (Pacific), Inc. will conduct a video survey off shore Mission Bay, San Diego, Ca **on 09 May 2003 from 0700T to 1900T**. The vessel M/V Locator will be on scene and monitoring VHF CH 16. Mariners are advised to use caution when transiting the area. For further comments or details contact James Hailstones Project Manager at (858) 292-8922. Chart: 18772 LNM 18/03 dated 06 May 2003.

SOUTHERN CALIFORNIA - OCEAN SIDE - Boat Launch Reconstruction. John Meek Company will be expanding from a 4 lane concrete boat launch to a six lane until **Sept 2003**. For further comments or details, contact James F. Jilk at (310) 505-3906 Chart 18774 LNM 18/03 dated 06 May 2003.

SOUTHERN CALIFORNIA - CAMP PENDLETON - WAVE BUOY INSTALLATION - The Marine Corp has installed a wave buoy in position 33°13.3' N 117°26.0'W which will be in place **until 18 Feb 2008**. The military will be using the buoy for testing equipment in the area. The light characteristic is Fl Y 4s. For further comments or details, contact Dale Stubblefield at (760) 725-2895. Chart: 18774 LNM 09/03 dated 04 Mar 2003.

SOUTHERN CALIFORNIA - LA JOLLA - WAVE MEASUREMENT PROJECT - The Ocean Engineering Research Group has installed a Waverider buoy off of Scripps Pier. The buoy is located at 32°50.88'N 117°21.20'W. It is yellow, marked "Wave Buoy", and in 99 fathoms of water. For further comments or details, contact Julie Thomas at the Center for Coastal Studies at (858) 534-3032. Chart: 18720 LNM 10/03 dated 11 Mar 2003.

SOUTHERN CALIFORNIA - LOS ANGELES - DREDGING OPERATIONS - **Starting 05 May 2003**, the L.A. deepening contractors will begin dredging in the LA main channel. The dredge area is cut D-206 between the LA Turning Basin and West Basin. The *HR MORRIS* will be using spuds and two swing anchors marked with white crown buoys. The assist tugs *HARRY M*, *JEFFERY M*, or *ELMER M* will be on scene but may be working with other barge. The *HR MORRIS* will be pumping sand through a floating pipeline D206 to a spill barge at southwest slip area 2. The *HR MORRIS* will remain in constant contact with the LA pilots and the U.S. Coast Guard on their movement and location in the LA main channel. All vessels are monitoring VHF channels 13, 16, 16 and 79A for passing arrangements. Mariners bound for or departing LA berths 100-149 need to give 2 hours notice to ensure an assist tug is readily available and are also request to give a 15 minute confirmation of ETA to minimize the break time and keep project on schedule. Mariners are advised to use extreme caution when transiting the area. For further comments or details, contact Ken Feldhacker at (310) 521-1300 Chart: 18751 LNM 18/03 dated 06 May 2003.

General Info. (Cont.)

SOUTHERN CALIFORNIA – LOS ANGELES/LONG BEACH – CRUISE SHIP SECURITY ZONE – The Captain of the Port Los Angeles/Long Beach has permanently established a Security Zone around all cruise ships within a 100 yard radius while anchored/moored, within 200 yards ahead & 100 yards on all other sides while underway, inside 3NM of the Federal breakwater near the ports of Los Angeles and Long Beach. No person/vessel may enter these zones without permission of the COTP. For more information see 33 CFR 165.1154 or contact Lieutenant Junior Grade Rob Griffiths at (310) 732-2020.

Chart: 18751 LNM 13/03 dated 01 Apr 2003.

SOUTHERN CALIFORNIA – LOS ANGELES/LONG BEACH – LHG TANK VESSEL SECURITY ZONE – The Captain of the Port (COTP) Los Angeles/Long Beach has permanently established a Security Zone around all Liquid Hazardous Gas (LHG) Tank Vessels within a 500 yd radius while anchored/moored, within 1000 yds ahead & 500 yds on all other sides while underway, inside 3NM of the Federal breakwater near the Ports of Los Angeles and Long Beach. No person/vessel may enter this zone without permission of the COTP. For more information see 33 CFR 165.1151 or contact Lieutenant Junior Grade Rob Griffiths at (310) 732-2020.

Chart: 18751 LNM 13/03 dated 01 Apr 2003.

SOUTHERN CALIFORNIA – LOS ANGELES – PILE DRIVING – Traylor Pacific will be driving 2000 production piles at Pier 400 through Dec 2003. The D/B NO. 5 will be moving from the southwest of Pier 400 to the northeast end. Anchors will be placed 400 ft north of the pier with lighted anchor buoys. Mariners are advised to use caution when transiting the area. For further comments or details, contact Ed Adair (562) 307-4914.

Chart: 18751 LNM 17/03 dated 29 Apr 2003.

SOUTHERN CALIFORNIA – LOS ANGELES – DREDGING OPERATIONS – L.A. Deepening Constructors will be conducting dredging operations through 30 Mar 2004 in the vicinity of Southwest Slip. The DREDGE *HR MORRIS* will be on scene and monitoring VHF-FM Ch. 13, 16, and 66. The dredge will be using a combination of floating and submerged pipeline to pump material to the Southwest Slip Area. It will be moving on spuds and with the use of two swing anchors extended out from the bow of the dredge up to 1200ft. Swing anchors will be clearly marked with buoys. The dredge will be operating 24 hours a day, seven days a week. For further comments or details, contact Frank Bechtolt at (562) 762-5367.

Chart: 18751 LNM 17/03 dated 29 Apr 2003.

SOUTHERN CALIFORNIA – ALAMITOS BAY – 2nd STREET WEST HIGHWAY BRIDGE – Alameda County has begun seismic retrofit of the bridge. Floating containment boom and scaffolding will be located in various spans through Oct 2003. Scaffolding reduces vertical clearance below the bridge by approximately 5 ft and will be lighted at night with white lights. Mariners are requested to use alternate routes during the project.

Chart: 18749 LNM 15/03 dated 15 Apr 2003

SOUTHERN CALIFORNIA – LONG BEACH – DREDGING OPERATIONS – Dutra Dredging Company is conducting dredging operations at the Port of Long Beach Southeast Basin and Outer Harbor, which will continue 24 hours a day, seven days a week, through 30 May 2003. Several vessels will be on scene and monitoring VHF-FM Ch. 13, 14, 16, 80A and 82. Mariners are advised to use extreme caution when transiting the area. For further comments or details, contact John Krause (707) 974-9934 or Tony Mana (562) 493-9674.

Chart: 18751 LNM 15/03 dated 15 Apr 2003.

SOUTHERN CALIFORNIA – LOS ANGELES – CHANNEL DEEPENING – L.A. Deepening Constructors will be conducting rock replacement through 30 May 2003. During placement operations the CP-28 will be anchored in place with four anchors and monitoring VHF FM Ch. 13, 16, 66, and 79A. Anchor wires may extend up to 1000 ft from the vessel. Loaded rock barges will be tied along side and will be off loaded with a dozer. Tugs will be bringing barges to and from the CP-28. Connolly-Pacific will start construction of a -15 MLLW rock dike starting from the west end of the existing dike and proceed building towards Cabrillo Beach. Mariners are advised to use caution when transiting the area. For further comments or details, contact Steve Schryve at (310) 521-1300.

Chart: 18751 LNM 16/03 dated 22 Apr 2003.

SOUTHERN CALIFORNIA – LOS ANGELES – CLAM DREDGING – The L.A. Deepening Contractors will be conducting clam dredging in the L.A. Main Channel through 30 May 2003. The D/B *VALHALLA* will be on scene and monitoring VHF-FM Ch. 13, 16, 66, and 79A. Mariners are advised to use caution when transiting the area. For further comments or details, contact Ken Feldhacker at (310) 521-1300.

Chart: 18751 LNM 16/03 dated 22 Apr 2003.

SOUTHERN CALIFORNIA – LOS ANGELES – CONSTRUCTION OPERATIONS – The Los Angeles Deepening Project is currently being conducted in Southwest Slip near Los Angeles Pier 100. A submerged rock dike has been constructed from Pier 100 northwesterly into Southwest Slip and is being filled to 10 ft above MLLW. All mariners are advised to remain clear of this area. For further comments or detail, contact Chief Mikulskis at (310) 732-2020.

Chart: 18751 LNM 13/03 dated 01 Apr 2003.

SOUTHERN CALIFORNIA – LOS ANGELES – CONSTRUCTION OPERATIONS – Manson Construction will be conducting construction operations in the vicinity of the south side of the Pier 400 in the Port of Los Angeles 24 hours a day, through Mar 2005. Seven lighted danger buoys are marking the area. The area inside the buoy perimeter is being filled up to -15 ft and some areas inside the perimeter to -10 ft. A visual representation of the construction is depicted in Enclosure (1) in this publication. Mariners requiring 8 ft or greater navigational draft must remain clear of this area. Several vessels will be on scene monitoring VHF-FM Ch. 13, 16, 66, and 79A. For further comments or details, contact John Molvar at (562) 432-6918.

Chart: 18751 LNM 12/03 dated 25 Mar 2003.

SOUTHERN CALIFORNIA – LONG BEACH – DEMOLITION WORK – Manson Construction and Connolly-Pacific Co. have begun demolition work at the Pier T Site in the Port of Long Beach through Oct 2004. The demolition work (removing Piers 1, 2, and 3) will be conducted from land and water. The waterside work will be performed using floating crane barges, workboats, and flat barges. A debris boom will be installed from the southwest end of Pier Echo on the west side of Pier 3. The DERRICK BARGES *LONG BEACH*, *VALKYRIE*, and *SOUTHMAN* will be monitoring VHF-FM Ch. 13, 66, and 79A. All anchors will be marked with lighted crown buoys. All mariners are advised to use caution when transiting the area. For further comments or details, contact Larry Liles at (423-6918 or Mike Ellis at (562) 437-2831.

Chart: 18751 LNM 12/03 dated 25 Mar 2003.

SOUTHERN CALIFORNIA – SAN PEDRO BAY – SURVEY OPERATIONS – Divecon Services LP will be conducting diver pipeline surveys in San Pedro Bay from 05 May through 30 May 2003. The Vessel *Aces Wild* will be on scene and monitoring VHF-FM Ch. 16. The pipelines are located in the following locations: 33°44.46'N 118°06.80'W and 33°42.68'N 118°06.89'W. The vessel will be following the pipelines path and operations will be conducted during daylight hours. Mariners are advised to use caution when transiting the area. For further comments or details, contact Mark Wieneke (805) 488-6428.

Chart: 18751 LNM 17/03 dated 29 Apr 2003.

SOUTHERN CALIFORNIA – SAN PEDRO BAY – SHALLOW WATER HABITAT EXTENSION – The L.A. deepening constructors placed three warning buoys to mark the eastern area of work for the extended shallow water habitat and an extension of a rock dike, which will be built to 15 feet below MLLW. The positions of the buoys are: 33°42'45.42"N 118°36'25.39"W, 33°42'40.10"N 118°16'30.16"W, 33°42'48.71"N 118°16'36.48"W. Operations are scheduled are on a 24 hour basis. For further comments or details, contact Ken Feldhacker at (310) 521-1300.

Chart: 18751 LNM 18/03 dated 06 May 2003.

SOUTHERN CALIFORNIA – CHANNEL ISLANDS – WRECK – A 79 ft wood hull fishing vessel has been reported sunk in approximate position 34°07.7'N 119°13.4'W in 69 fathoms of water. All mariners are advised to use caution when transiting the area and report any debris sightings to the U.S. Coast Guard. For further comments or details, contact BM1 Shaun Darrall at (805) 985-9822.

Chart: 18740 LNM 14/03 dated 08 Apr 2003.

General Info. (Cont.)

SOUTHERN CALIFORNIA - CATALINA ISLAND - SUBMERGED OBJECT - The 29 ft sloop rigged sailing vessel CF6171CE has been reported submerged in position 33°26.22'N 118°27.50'W in 60 ft of water outside Isthmus Harbor Catalina Island. The vessel is marked with an unlighted white boat fender. Mariners are advised to use extreme caution when transiting this area.
Chart: 18757 LNM 02/03 dated 14 Jan 2003.

SOUTHERN CALIFORNIA - SANTA BARBARA CHANNEL - PIPELINE SURVEY - Divecon Services LP will be conducting pipeline surveys in the Santa Barbara Channel **from 05 May to 30 May 2003**. The operations will include the vessel *AMERICAN PATRIOT* using an underwater remote operated vehicle to inspect the pipelines. The vessel will be working in a "live boat mode", not anchored. The vessel will be following the pipeline path and operations will be conducted on a 24-hour per day basis. The inspections will be conducted from Platform Irene to shore coordinates 34°42.26'N 120°35.95'W, from Platform Habitat to shore at 34°23.13'N 119°30.59'W, from Platform C to Platform B, from Platform B to Platform A, Platform A to shore at 34°20.90'N 119°25.34'W, from Platform Hillhouse to Platform A, Platform Henry to Platform Hillhouse, Platform Gilda to shore at 34°12.10' 119°15.06'W, Platform Gina to shore 34°12.10' 119°15.06'W, Platform Elly to Platform Edith, and Platform Edith to Platform Eva. For further comments or details, contact Mark Wieneke at (805) 488-6428.
Chart: 18740 LNM 18/03 dated 06 May 2003.

SOUTHERN CALIFORNIA - SANTA MONICA BAY - WAVE MEASUREMENT PROJECT - The Ocean Engineering Research Group has installed a Waverider buoy 2 miles south of King Harbor. The buoy will be in place **through 11 May 2003** and located in the following position: 33°49.10'N 118°24.30'W. For further comments or details, contact Julie Thomas at the Ocean Engineering Research Group (858) 534-3032.
Chart: 18720 LNM 10/03 dated 11 Mar 2003.

SOUTHERN CALIFORNIA - SAN LUIS OBISPO BAY - DREDGING OPERATIONS - The Port of San Luis will begin dredging in the vicinity of the sport launch and mobile hoist pier of San Luis Obispo Bay **through 01 Jun 2003**. For further comments or details, contact Joe Barget at (805) 595-5400.
Chart: 18703 LNM 53/02 dated 31 Dec 2002.

SOUTHERN CALIFORNIA - SAN LUIS OBISPO BAY - AVILA BEACH SECURITY ZONE - The Coast Guard has established a security zone in the waters of the Pacific Ocean within 2,000 yds of Diablo Canyon Nuclear Power Plant centered at 35°12.4'N 120°51.4'W. Entry into or remaining in this zone is prohibited unless authorized by the Coast Guard Captain of the Port. Persons desiring to transit the area of the security zone may contact the Captain of the Port at telephone number 1-800-221-8724 or on VHF-FM channel 16. For further comments or details, contact Lieutenant Junior Grade Rob Griffiths at RGriffiths@d11.uscg.mil or by calling (310) 732-2020.
Chart: 18704 LNM 51/02 dated 17 Dec 2002.

SOUTHERN CALIFORNIA - SAN LUIS OBISPO - UNDERWATER OPERATIONS - The CABLESHIP *BOLD ENDURANCE* will be conducting underwater operations within a 1 mile corridor of the line joining the following positions: 35°07.0'N 120°39.0'W, 35°06.0'N 121°05.0'W, 34°33.0'N 121°03.0'W, and 34°20.0'N 121°12.0'W **through 30 May 2003**. Mariners are advised to remain 1000 yards from the area. For further comments or details, contact Global Marine Systems at (954) 766 9999.
Chart: 18703 LNM 16/03 dated 22 Apr 2003.

NORTHERN CALIFORNIA - MONTEREY BAY - MOSS LANDING RESEARCH BUOYS - Mariners are advised to be aware of two research buoys in Moss Landing, in positions 36°48.1'N 121°47.8'W and 36°48.1'N 121°47.6'W, which will be on station **through 30 May 2003**. Each buoy has a Fl 4s Amber light. For further comments or details, contact Kurt Rosenburger at (401) 847-4210.
Chart: 18652 LNM 11/03 dated 18 Mar 2003.

NORTHERN CALIFORNIA - SEACOAST - SPACE SHUTTLE DEBRIS - NASA is asking vessels to keep a sharp lookout for Columbia Space Shuttle debris off of the Northern California Coast. Debris is to be considered 6" X 6" X 2" (or similar), buoyant and white in color. In the event of finding debris, mariners are asked to report sightings to the Johnston Space Center at (281) 483-3388.
Chart: 18640 LNM 08/03 dated 25 Feb 2003.

NORTHERN CALIFORNIA - SEACOAST - OPENING SALMON SEASON - The ocean salmon season is open and in progress in the waters off of northern California. Mariners may expect to see concentrations of fishing vessels engaged in fishing or drifting; and are advised to keep a sharp lookout at all times; especially at night, during periods of reduced visibility, and when approaching offshore traffic lanes. For further comments or details contact LT Stacey Benfer at (415) 399-3497.
Charts: 18640 and 18680 LNM 13/03 dated 01 Apr 2003.

NORTHERN CALIFORNIA - CHINA BASIN - 4th STREET DRAWBRIDGE - The Coast Guard Captain of the Port is establishing a Safety Zone for a waterway closure to allow removal of the drawspan. The waterway will be closed to navigation **from 01 May through 27 Jun 2003**. No vessel or person may approach within 100 yds or pass beneath the bridge while the safety zone is in effect.
Chart: 18650 LNM 15/03 dated 15 Apr 2003

NORTHERN CALIFORNIA - SAN FRANCISCO BAY - MARINE EVENT - Tri California will sponsor a swim event involving 12 participants swimming from the Alcatraz Island to the St. Francis Yacht club on **10 May 2003** between the hours of 0825T and 0925T. All mariners are advised to transit the area with extreme caution. The event sponsor may be reached on VHF CH 14 during the event. For further comments or details contact MST1 H. Miller at (415) 399-3440
Chart: 18650 LNM 18/03 dated 06 May 2003.

NORTHERN CALIFORNIA - SAN FRANCISCO BAY - MARINE EVENT - Tri California will sponsor a swim event involving 40 participant swimming from the Pier 33 to Aquatic Park **on 10 May 2003** between the hours of 0915T and 1015T. All mariners are advised transit the area with extreme caution. The event sponsor may be reached on VHF CH 14 during the event. For further comments or details contact MST1 H. Miller at (415) 399-3440
Chart: 18650 LNM 18/03 dated 06 May 2003.

NORTHERN CALIFORNIA - SAN FRANCISCO BAY - MARINE EVENT - The San Francisco Club will sponsor a sailing event involving 80 vessels racing on the YRA City Front/#13/Ocean race courses **on 10 May 2003** between the hours of 0950T until END. All mariners are advised to transit the area with caution. The event sponsor may be reached on VHF CH 14 during the even. For further comments or details contact MST1 H. Miller at (415) 399-3440
Chart 18650 LNM 18/03 dated 06 May 2003.

NORTHERN CALIFORNIA - SAN FRANCISCO BAY - MARINE EVENT - The Vallejo Yacht Club will sponsor a sailing even involving 20 vessels racing on the San Pablo Bay/#22 YRA race courses **on 10 May 2003** between the hours of 0950T and 1800T. All mariners are advised to transit the area with caution. The event sponsor may be reached on VHF CH 14 during the event. For further comments or details contact MST1 H. Miller at (415) 399-3440
Chart: 18650 LNM 18/03 dated 06 May 2003.

NORTHERN CALIFORNIA - SAN FRANCISCO BAY - MARINE EVENT - The Northern California Power Cruisers Association will sponsor in over the bottom navigational contest starting from the Oakland Estuary and ending in central San Francisco Bay **on 10 May 2003** between the hours of 1000T and 1400T. All Mariners are advised to transit the area with caution. The event sponsor may be reached on VHF CH 14 during the event. For further comments or details contact MST1 H. Miller at (415) 399-3440
Chart: 18651 LNM 18/03 dated 06 May 2003.

General Info. (Cont.)

NORTHERN CALIFORNIA – SAN FRANCISCO BAY – MARINE EVENT – The Encinal yacht club will sponsor a sailing event involving 75 vessels racing on the YRA City Front /#13 race courses **on 10 May 2003** between the hours of 1050T and 1700T. All mariners are advised to transit the area with caution. The event sponsor may be reached on VHF CH 14 during the event. For further comments or details contact MST1 H. Miller (415) 399-3440.
Chart: 18650 LNM 18/03 dated 06 May 2003.

NORTHERN CALIFORNIA – SAN FRANCISCO BAY/SAN PABLO - MARINE EVENT – The San Rafael yacht club will sponsor a sailing event involving 10 sailing vessels racing from San Pablo Bay to the San Francisco Sea Buoy and finishing in San Rafael Bay **on 10 May 2003** between the hours of 1200T and 1700T. All mariners are advised to transit the area with caution. The event sponsor may be reached on VHF CH 14 during the event. For further comments or details contact MST1 H. Miller at (415) 399-3440
Chart 18654/18650 LNM 18/03 dated 06 May 2003.

NORTHERN CALIFORNIA – SAN FRANCISCO BAY – MARINE EVENT – The Alameda Yacht Club will sponsor a sailing event involving 30 vessels racing on the YRA South Bay/#2 race courses **on 10 May 2003** between the hours of 1200T and 1700T. All mariners are advised to use caution when transiting the area. The event sponsor may be reached on VHF CH 14 during the event. For further comments or details contact MST1 H. Miller at (415) 399-3440
Chart 18651 LNM 18/03 dated 06 May 2003.

NORTHERN CALIFORNIA – SAN FRANCISCO BAY – MARINE EVENT – The Sequoia Yacht Club will sponsor a sailing event involving 15 vessels racing on the YRA South Bay/#33 race courses **on 10 May 2003** between the hours 1230T and 1600T. All mariners are advised to transit the area with caution. The event sponsor may be reached on VHF CH 14 during the event. For further comments or details contact MST1 H. Miller at (415) 399-3440.
Chart: 18651 LNM 18/03 dated 06 May 2003.

NORTHERN CALIFORNIA – SAN FRANCISCO BAY – MARINE EVENT – KFOG will sponsor their annual KFOG KABOOM fireworks display off of pier 30/32 in San Francisco Bay **on 10 May 2003** between the hours of 2100T and 2120T. Special local regulations per title 33 Cod of Federal Regulations, part 165.1191 will be in effect. All mariners are advised to transit the area with caution. The event sponsor may be reached on VHF CH 14 during the event. For further comments or details contact MST1 H. Miller at (415) 399-3440
Chart: 18650 LNM 18/03 dated 06 May 2003.

NORTHERN CALIFORNIA – SAN FRANCISCO BAY – MARINE EVENT – The south end rowing club will sponsor a swim event involving 12 participants swimming from Angel Island to Treasure Island **on 11 May 2003** between the hours of 0800T and 0900T. All mariners are advised to transit the area with extreme caution. The event sponsor may be reached on VHF CH 14 during the event. For further comments or details contact MST1 H. Miller at (415) 399-3440
Chart: 18650 LNM 18/03 dated 06 May 2003.

NORTHERN CALIFORNIA – SAN FRANCISCO BAY – MARINE EVENT – The Bay View Boat Club will sponsor a sailing event involving 30 vessels racing on the YRA South Bay/#2 race courses **on 12 May 2003** between the hours of 1800T and 2100T. All mariners are advised to transit the area with caution. The event sponsor may be reached on VHF CH 14 during the event. For further comments or details contact MST1 H. Miller at (415) 399-3440.
Chart: 18651 LNM 18/03 dated 06 May 2003.

NORTHERN CALIFORNIA – SAN FRANCISCO BAY – MARINE EVENT – The Sierra Point Yacht Club will sponsor a sailing event involving 20 vessels racing on the YRA South Bay/#2/#4/#6 race courses **on 13 May 2003** between the hours of 1700T and 2100T. All mariners are advised to transit the area with caution. The event sponsor may be reached on VHF CH 14 during the event. For further comments or details contact MST1 H. Miller at (415) 399-3440
Chart: 18651 LNM 18/03 dated 06 May 2003.

NORTHERN CALIFORNIA - SAN FRANCISCO BAY – MARINE EVENT – The Oakland Yacht Club will sponsor a sailing event involving 40 vessels racing on the YRA Estuary/#9 race courses **on 14 May 2003** between the hours of 1800T and 2000T. All mariners are advised to transit the area with caution. The event sponsor may be reached on VHF CH 14 during the event. For further comments or details contact MST1 H. Miller at (415) 399-3440.
Chart: 18651 LNM 18/03 dated 06 May 2003.

NORTHERN CALIFORNIA – SAN FRANCISCO BAY – MARINE EVENT – The Coyote Point Yacht Club will sponsor a sailing event involving 20 vessels racing on the YRA South Bay/#18 race courses **on 14 May 2003** between the hours of 1800T and 2100T. All mariners are advised to transit the area with caution. The event sponsor may be reached on VHF CH 14 during the event. For further comments or details contact MST1 H. Miller at (415) 399-3440.
Chart: 18651 LNM 18/03 dated 06 May 2003.

NORTHERN CALIFORNIA – SAN FRANCISCO BAY – MARINE EVENT – The Sequoia Yacht Club will sponsor a sailing event involving 25 vessels racing on the YRA South Bay/#33 race courses **on 14 May 2003** between the hours of 1800T and 2100T. All mariners are advised to transit the area with caution. The event sponsor may be reached on VHF CH 14 during the event. For further comments or details contact MST1 H. Miller at (415) 399-3440
Chart: 18651 LNM 18/03 dated 06 May 2003

NORTHERN CALIFORNIA – SAN FRANCISCO BAY – MARINE EVENT The Golden Gate Yacht Club will sponsor a sailing event involving 40 vessels racing on the YRA City Front /#13 race courses **on 14 May 2003** between the hours of 1830T and 2200T. Mariners are advised to transit the area with caution. The event sponsor may be reached on VHF CH during the event. For further comments or details contact MST1 H. Miller at (415) 399-3440.
Chart: 18650 LNM 18/03 dated 06 May 2003.

NORTHERN CALIFORNIA – SAN FRANCISCO BAY – MARINE EVENT – The Corinthian Yacht Club will sponsor a sailing event involving 40 vessels racing on the YRA Knox/#6 race courses **on 16 May 2003** between the hours of 1800T and 2100T. All mariners are advised to transit the area with caution. The event sponsor may be reached on VHF CH 14 during the event. For further comments or details contact MST1 H. Miller at (415) 399-3440
Chart: 18650 LNM 18/03 dated 06 May 2003.

NORTHERN CALIFORNIA – SAN FRANCISCO BAY – MARINE EVENT – The Island Yacht Club will sponsor a sailing event involving 30 vessels racing on the YRA Estuary/#10 race courses **on 16 May 2003** between the hours of 1820T and 2200T. All mariners are advised to transit the area with caution. The event sponsor may be reached on VHF CH 14 during the event. For further comments or details contact MST1 H. Miller at (415) 399-3440
Chart: 18651 LNM 18/03 dated 06 May 2003.

NORTHERN CALIFORNIA – SAN FRANCISCO BAY – MARINE EVENT – The Berkeley Yacht Club will sponsor a sailing event involving 15 vessels racing on the YRA Circle/#13 race courses **on 16 May 2003** between the hours of 1830T and 2100T. All mariners are advised to transit the area with caution. The event sponsor may be reached on VHF CH 14 during the event. For further comments or details contact MST1 H. Miller at (415) 399-3440
Chart: 18650 LNM 18/03 dated 06 May 2003.

NORTHERN CALIFORNIA – SAN FRANCISCO BAY – MARINE EVENT – The Golden Gate Yacht Club will sponsor a sailing event involving 15 vessels racing on the YRA City Front/#13 race courses **on 16 May 2003** between the hours of 1830T and 2200T. All mariners are advised to transit the area with caution. The event sponsor may be reached on VHF CH 14 during the event. For further comments or details contact MST1 H. Miller at (415) 399-3440
Chart: 18650 LNM 18/03 dated 06 May 2003.

General Info. (Cont.)

NORTHERN CALIFORNIA – SAN FRANCISCO BAY – MARINE EVENT – The South Beach Yacht Club will sponsor a sailing event involving 60 vessels racing on the YRA South Bay/#2 race courses **on 16 May 2003** between the hours of 1850T and 2000T. All mariners are advised to transit the area with caution. The event sponsor may be reached on VHF CH 14 during the event. For further comments or details contact MST1 H. Miller at (415) 399-3440
Chart: 18651 LNM 18/03 dated 06 May 2003.

NORTHERN CALIFORNIA – SAN FRANCISCO BAY – MARINE EVENT – The Sausalito Yacht Club will sponsor a sailing race involving 45 vessels racing on the YRA Knox/#7 racecourses **from 1830T to 2100T on 06 May 2003**. All mariners are advised to use caution when transiting the area. The Event Sponsor may be reached on VHF-FM Ch. 14. For further comments or details, contact MST1 Hal Miller at (415) 399-3440.
Chart: 18650 LNM 16/03 dated 22 Apr 2003.

NORTHERN CALIFORNIA – SAN FRANCISCO BAY – MARINE EVENT – The Sierra Point Yacht Club will sponsor a sailing race involving 20 vessels racing on the YRA South Bay/#2/#4/#6 racecourses **from 1700T to 2100T on 06 May 2003**. All mariners are advised to use caution when transiting the area. The Event Sponsor may be reached on VHF-FM Ch. 14. For further comments or details, contact MST1 Hal Miller at (415) 399-3440.
Chart: 18651 LNM 16/03 dated 22 Apr 2003.

NORTHERN CALIFORNIA - SAN FRANCISCO BAY - RICHMOND-SAN RAFAEL HIGHWAY BRIDGE RETROFIT – Floating construction equipment is present along the length of the bridge. , Floating equipment located in the east channel span will reduce horizontal clearance by approximately 80 ft **from May to Jul 2003**. Several periods of east channel span blockage are scheduled **through Dec 2003**. Anchor lines extending 100 yds north and south of floating equipment can be slacked to the bottom or removed upon 1-hour advance notice. Mariners are requested to contact the TUG *APRIL T* via VHF-FM Ch. 13 approximately 20 mins in advance to discuss wake issues and passing arrangements. Mariners may contact Coast Guard VTS for assistance establishing communications with the bridge.
Chart: 18654 LNM 16/03 dated 22 Apr 2003.

NORTHERN CALIFORNIA – MARIN COUNTY – DREDGING OPERATIONS – Western Dock Enterprises is conducting dredging operations at the Loch Lomond Marina, off the San Rafael Creek **through 30 Jun 2003**. TUG *HAYDEN BAY*, a DERRICK BARGE, and two DUMP SCOWS will be on scene, monitoring VHF-FM Ch. 13, 14, and 79. For further comments or details, contact Western Dock Enterprises at (707) 765-4646.
Chart: 18654 LNM 09/03 dated 04 Mar 2003.

NORTHERN CALIFORNIA – MARIN COUNTY – DREDGING OPERATIONS – The Salt River Construction Company will commence dredging operations at Paradise Cay **from 07 Apr 2003 through 15 Jun 2003**. The self contained DREDGE/DUMP BARGE *BARBARA ANN* and the TUG *IRENE LAURITZEN* will be on scene and monitoring VHF-FM Ch. 13, 14, and 78. There will be two temporary mooring piles located outside the north entrance in positions 37°53.9'N 122°28.4'W and 37°54.9'N 122°28.4'W. Mariners are advised to use caution when transiting the area. For further comments or details, contact Rick Moseley at (415) 435-1024.
Chart: 18649 LNM 13/03 dated 01 Apr 2003.

NORTHERN CALIFORNIA - SAN FRANCISCO BAY – ENVIRONMENTALLY SENSITIVE AREA BUOY PLACEMENT – An Environmentally Sensitive Area (ESA) is being marked along the Shores of YBI, from the Coast Guard Base around the Eastern Tip of YBI and into westernmost reaches of Clipper Cove. The ESA is marked by regulatory buoys that say "Closed Area" with FI 4s W lights. Each Buoy is in 6 feet of water and marks the eel grass beds close to shore. Between the larger buoys will also be many "Keep Out" regulatory buoys. Mariners are advised to remain clear of this area. The buoys will be in place for the entire duration of the bridge project. For further comments or details, contact Rachel Woddfield at (858) 560-5465.
Chart: 18650 LNM 13/03 dated 01 Apr 2003.

NORTHERN CALIFORNIA – SAN FRANCISCO BAY – ANCHORAGE 9 EXTENSION – Anchorage 9 is temporarily extended to encompass the waters east of a line beginning at South San Francisco preferred channel buoy; then north to position 37°47.2'N 122°22'.2'W; then north easterly to the western boundary of anchorage 8, 37°47.6'W. Vessels must contact Vessel Traffic Service San Francisco on VHF-FM Ch. 14 prior to anchoring. Mariners are advised to use caution when transiting the area.
Chart: 18649 LNM 01/03 dated 07 Jan 2003.

NORTHERN CALIFORNIA – SAN FRANCISCO BAY - TEMPORARY SECURITY ZONES – Due to a heightened threat level and to enhance the safety and security of the port, the Captain of the Port of San Francisco has established 25 yd security zones around all piers, abutments, fenders and pilings of the Golden Gate Bridge. Entry into these security zones is prohibited, unless doing so is necessary for safe navigation, to conduct official business, such as scheduling maintenance, or unless specifically authorized by the Captain of the Port, or his designated representative. These security zones will be **in effect until further notice**. For further comments or details, contact Lieutenant D. Cranston at (510) 437-3073.
Chart: 18650 LNM 07/03 dated 18 Feb 2003.

NORTHERN CALIFORNIA – SAN FRANCISCO – TEMPORARY SAFETY ZONES – The Coast Guard is establishing a safety zone in the navigable waters of San Francisco Bay and approximately 1,000 feet off San Francisco Piers 30 and 32. The safety zone is an area within a 1,000 foot radius of the launch platform barge for the annual KFOG Kaboom fireworks display. The Safety zone is effective from 1900T to 2200T **on 10 May 2003**.
Chart: 18649 LNM 18/03 dated 06 May 2003.

NORTHERN CALIFORNIA – ALAMEDA – DREDGING OPERATIONS – Western Dock Enterprises will be conducting dredging operations at Ballena Bay **from 17 Mar through 30 May 2003**. A DERRICK BARGE will be on scene and monitoring VHF-FM Ch. 13, 14, and 79. For further comments or details, contact Les Shorter at (707) 765-4646.
Chart: 18650 LNM 10/03 dated 11 Mar 2003.

NORTHERN CALIFORNIA – BENICIA – PIER RENOVATIONS – The Benicia Industrial Dock, Pier 95, is being renovated. A barge is moored to the dock, with stabilizing anchors extended 200 ft from the pier. This project is scheduled to run **through Jul 2003**. Mariners are advised to use caution when transiting the area. For further comments or details, contact Lieutenant Diane Cranston at (510) 437-3101.
Chart: 18654 LNM 10/03 dated 11 Mar 2003.

NORTHERN CALIFORNIA – SAN PABLO BAY – MARINE EVENT – The Vallejo Yacht Club will sponsor a sailing event involving 20 vessels racing on the YRA San Pablo Bay /#20 race courses **on 14 May 2003** between the hours of 1800T and 2300T. All mariners are advised to transit the area with caution. The event sponsor may be reached on VHF CH 14 during the event. For further comments or details contact MST1 H. Miller at (415) 399-3440
Chart: 18654 LNM 18/03 dated 06 May 2003.

NORTHERN CALIFORNIA – CARQUINEZ STRAITS – MARINE EVENT – The Benicia Yacht Club will sponsor a sailing event involving 25 vessels racing on the YRA Carquinez/#4 race courses **on 15 May 2003** between the hours of 1730T and 2100T. All mariners are advised to transit the area with caution. The event sponsor may be reached on VHF CH 14 during the event. For further comments or details contact MST1 H. Miller at (415) 399-3440
Chart: 18656 LNM 18/03 dated 06 May 2003.

General Info. (Cont.)

NORTHERN CALIFORNIA – SAN JUAQUIN RIVER DELTA - BARRIER CONSTRUCTION - The Department of Water Resources (DWR) is conducting construction on the Head of Old River, Old River near Delta-Mendota Canal, Grant Line Canal, and Middle River. The barriers at Old River near DMC and Grant Line Canal will, as always, have boat portage facilities for those boaters who wish to cross the barriers. DWR personnel will be at the sites during most daylight hours to assist boaters using a universal trailer to retrieve and launch boats. The Head of Old River barrier will normally be removed **between 15 and 31 May 2003**, and then reinstalled for the period **Oct-Nov 2003**. All of the barriers will be removed **during the last two weeks of November**. For further comments or details, contact Mark Holderman, Chief of the Temporary Barriers Project at (916) 653-7429. Chart: 18652 LNM 13/03 dated 01 Apr 2003.

NORTHERN CALIFORNIA – HUMBOLDT BAY – CURRENT METER MISSING - NOAA reported that one of their current meters that was housed in the SUBS Buoy is missing. Local fishermen and mariners in the Humboldt Bay area of California are requested to be on the lookout for an RD Instruments acoustic Doppler current profiler. The ADCP is housed in a white plastic cylindrical shaped body with 4 transducer heads mounted in blue plastic. The ADCP is about 12-15 inches long and about 7-10 inches in diameter. The SUBS Buoy without the ADCP was found at a McKinleyville Beach sometime between January 24 and February 24, 2003. Any news as to the location of the ADCP would be greatly appreciated. Please call the local Port Authority Director, David Hull at 707 443-0801 or NOAA National Ocean Service in Silver Spring, Maryland, at 301 713-2890 ext. 115. Chart: 18622 LNM 09/03 dated 04 Mar 2003.

NORTHERN CALIFORNIA – HUMBOLDT BAY – DREDGING OPERATIONS – Dredging operations are taking place on the entrance bar, entrance channel, and all federally authorized interior navigational channels of Humboldt Bay and Harbor **through 11 May 2003**. The DREDGES *YAGUINA* and *ESSAYONS* will be on scene and monitoring VHF-FM Ch. 16. Mariners are advised to use caution when transiting the area. For further comments or details, contact the ships' Masters at (541) 729-6984 and (503) 705-3773, respectively. Chart: 18622 LNM 14/03 dated 08 Apr 2003.

BRIDGE INFORMATION - DISCREPANCIES AND CORRECTIONS - Questions regarding bridge operations, discrepancies, regulations or permit applications, please contact: Eleventh Coast Guard District Bridge Section, Coast Guard Island, Building 50-6, Alameda, CA 94501-5100 Phone: (510) 437-3514 or the Coast Guard Command Center at (510) 437-3701. Flotsam and drift may have accumulated on and near bridge piers and abutments and mariners should approach all bridges with caution. Mariners are requested to transit bridge construction sites with minimum wake to ensure safe working conditions.

SOUTHERN CALIFORNIA – MISSION BAY SAN DIEGO- WEST MISSION BAY DRIVE BRIDGE SEISMIC RETROFIT- Floating equipment is located between the bridge piers and at times, and in the navigational channel during seismic retrofit and pile driving operations. Chart 18765 LNM 07/03 dated 18 Feb 2003.

SOUTHERN CALIFORNIA – ALAMITOS BAY – 2ND STREET WEST HIGHWAY BRIDGE – Floating containment boom and scaffolding will be located in various spans **April through October 2003**. Scaffolding reduces vertical clearance below the bridge by approximately 5 ft and will be lighted at night with white lights. Mariners are requested to use alternate routes during the project. Chart: 18749 LNM 15/03 dated 15 Apr 2003

SOUTHERN CALIFORNIA - CERRITOS CHANNEL -COMMODORE HEIM DRAWBRIDGE – Drawspan and fendering repairs have been completed. Chart: 18749 LNM 03/03 dated 21 Jan 2003.

NORTHERN CALIFORNIA - SAN FRANCISCO BAY - GOLDEN GATE BRIDGE - Two scaffolds located in the main navigation channel span, and one scaffold in the southern span, reduce vertical clearance by approximately 12 ft and are lighted at night with red lights. The Golden Gate Bridge District has requested 48 hrs advance notice to move scaffolding. Scaffolding is moved to the piers when not in use. Chart: 18650 LNM 01/03 dated 07 Jan 2003.

NORTHERN CALIFORNIA - SAN FRANCISCO BAY - SAN FRANCISCO-OAKLAND BAY BRIDGE RETROFIT - WEST OF YBI - Scaffolding, between piers A, B, C, D, E, and F, reduces vertical clearance by approximately 10 ft. All scaffolding is lighted at night. A work barge may be located in any span in support of scaffolding relocation or pier rehab. Broadcast Notices to Mariners will provide updated information on barge locations and scaffolding movements. Chart: 18650 LNM 32/02 dated 06 Aug 2002.

NORTHERN CALIFORNIA - SAN FRANCISCO BAY - SAN FRANCISCO-OAKLAND BAY BRIDGE REPLACEMENT- EAST OF YBI: Bridge construction is in progress on the north side of the existing bridge extending approximately 2,000 yds from the Oakland shoreline toward YBI. Numerous piers are being constructed using floating equipment with anchor wires extending up to 350 yds in any direction. Stationary and floating obstructions are lighted at night with fixed white lights. Anchor wires may be difficult to see and mariners are advised for their own safety, to remain well clear of the construction site. Vessels should avoid passing between anchor buoys and barges, construction equipment, and newly constructed piers by going around and using the navigational channel east of YBI. Mariners may contact the D.B. *GENERAL* or the D.B. *VANCOUVER* via VHF-FM Ch 66, or by telephone at (510) 508-0250, to determine conditions at the bridge. Chart: 18650 LNM 13/03 dated 01 Apr 2003.

NORTHERN CALIFORNIA - CHINA BASIN - 4TH STREET DRAWBRIDGE- The Coast Guard Captain of the Port has established a Safety Zone for a waterway closure to allow removal of the drawspan. The waterway is closed to navigation at the bridge, **1 May through 27 Jun 2003**. No vessel or person may approach within 100 yards or pass beneath the bridge while the safety zone is in effect. Chart: 18650 LNM 15/03 dated 15 Apr 2003

NORTHERN CALIFORNIA - SAN FRANCISCO BAY - RICHMOND-SAN RAFAEL HIGHWAY BRIDGE RETROFIT –Through 1 Jun 03 floating equipment is blocking the east channel span during daylight hours, but anchor lines may be slacked or moved on two hours notice. From **1 Jun to 5 July**, floating equipment will blocking the east channel span during daylight hours will be unable to move for passage of vessels. Floating equipment with anchor lines is present along the length of the bridge. Mariners are requested to contact the TUG *APRIL T* via VHF-FM Ch 13 approximately 20 minutes in advance to discuss wake issues and passing arrangements. Mariners may contact Coast Guard VTS for assistance establishing communications with the bridge. Chart: 18654 LNM 18/03 dated 06 May 2003

NORTHERN CALIFORNIA – PETALUMA RIVER – BLACKPOINT RAILROAD DRAWBRIDGE – The sheer fence on the northwest side of the pivot pier and swing span is damaged, and may not provide adequate protection for the bridge. The topmost green navigation light is extinguished. Chart: 18654 LNM 46/02 dated 12 Nov 2002.

Bridge Info. (Cont.)

NORTHERN CALIFORNIA – CARQUINEZ STRAIT – I-80 HIGHWAY BRIDGE – Travelers installed at 4 locations on the replacement bridge, for welding and grinding operations are lighted at night with red lights and only reduce vertical clearance within 160 ft of the north pier and within 320 ft of the south pier **through Jun 2003**. Mariners should contact *CARQUINEZ BRIDGE* via VHF-FM Ch 13 at least 10 minutes in advance to halt welding and to make passing arrangements. VTS San Francisco may be contacted via VHF-FM Ch 14. Floating equipment with divers, moored at various locations around the center pier, **through Sep 2003**, is lighted at night with red lights and reduces horizontal clearance in either span by approximately 30 ft. Floating equipment can be moved if requested upon 1 hr advance notice. Mariners may contact Tug *LARIAT* - WDA 7205, or the Tug *LAGUNA* - WCX 9618, on VHF-FM Chs 13 and 14 to make passing arrangements.
Chart: 18655 LNM 18/03 dated 06 May 2003

NORTHERN CALIFORNIA - CARQUINEZ STRAIT - NEW BENICIA / MARTINEZ I-680 HIGHWAY BRIDGE CONSTRUCTION – Pier construction is in progress adjacent to the main channel span and at various locations along the entire length of the bridge. Anchor lines extend 270 yds upstream and downstream, but should not extend into the main navigation channel span. Mariners are requested to contact the D/B *PACIFIC*, the D/B *HAAKEN*, or the D/B *LA* via VHF-FM Ch 13, 14 and 67, to discuss wake issues and passing arrangements.
Chart: 18657 LNM 13/03 dated 01Apr 2003.

NORTHERN CALIFORNIA – SACRAMENTO RIVER - TOWER DRAWBRIDGE REHABILITATION –Scaffolding, installed on the movable span reduces vertical clearance for vessels by approximately 3 ft **through June 2003**, and is lighted at night with red lights. Vessel operators should contact the bridge, via VHF-FM Ch 16 to determine conditions at the bridge.
Chart: 18662 LNM 10/03 dated 11 Mar 2003.

NORTHERN CALIFORNIA - NOYO RIVER - HIGHWAY 1 BRIDGE REPLACEMENT - Fenders beneath the existing bridge reduce horizontal clearance in the navigation channel to approximately 100 ft and are lighted at night with red lights. Work is in progress 24 hours per day, 7 days per week. Brief delays to vessel traffic should be expected during movement of construction equipment across the channel. Flag boats are provided to notify mariners when construction equipment is being moved. Updated information will be provided via Broadcast Notice to Mariners. Mariners should contact MCM Construction Base, via VHF-FM Ch 16, or telephone (707) 964-4518, to make passing arrangements.
Chart: 18626 LNM 40/02 dated 01 Oct 2002

VIII. CORRECTIONS TO LIGHT LIST, VOLUME VI; PACIFIC COAST AND PACIFIC ISLANDS 2002

(*Denotes the column in which a correction has been made or new information added.)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
No.	Name and location	Position	Characteristic	Height	Range	Structure	Remarks
CALIFORNIA - Eleventh District							
183	La Conchita Ocean Physics Research LB	34 21 00 N 119 32 00 W	FI Y 4s	6		Yellow LB	Ra ref. Private aid.
	*	*	*	*	*	*	*
7945	-Channel Daybeacon 34	38 19 49 N 123 03 08 W				TR on pile.	18/03
		*					
7955	-Channel Light 36	38 19 52 N 123 03 07 W	FI R 2.5s		3	TR on pile.	18/03
		*					
7975	-Channel Daybeacon 38	38 19 54 N 123 03 01 W				TR on pile.	18/03
		*					
7985	-Channel Daybeacon 42	38 19 48 N 123 02 51 W				TR on pile.	18/03
		*					
7995	-Channel Daybeacon 46	38 19 39 N 123 02 41 W				TR on pile.	18/03
		*					

Light List (Cont.)

8305	-Light 5	40 44 32 N 124 13 30 W	FI G 4s	15	4	SG on pile	18/03
	*	*		*	*	*	
8310	-Light 6	40 44 24 N 124 13 33 W	FI R 2.5s	15	3	TR on pile	18/03
	*	*		*	*	*	
8330	Light 10	40 44 24 N 124 13 14 W	FI R 4s	15	3	TR on pile	18/03
		*					
8340	Light 12	40 43 52 N 124 13 13 W	FI R 2.5s	15	3	TR on pile	18/03
	*	*		*	*	*	

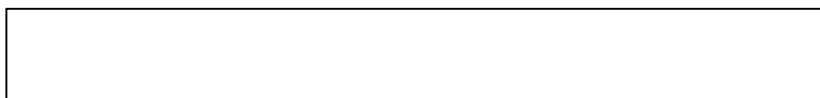
IX. ADDITIONAL ENCLOSURES

Enclosure (1) Chart 18751 Pier 400 Construction Site



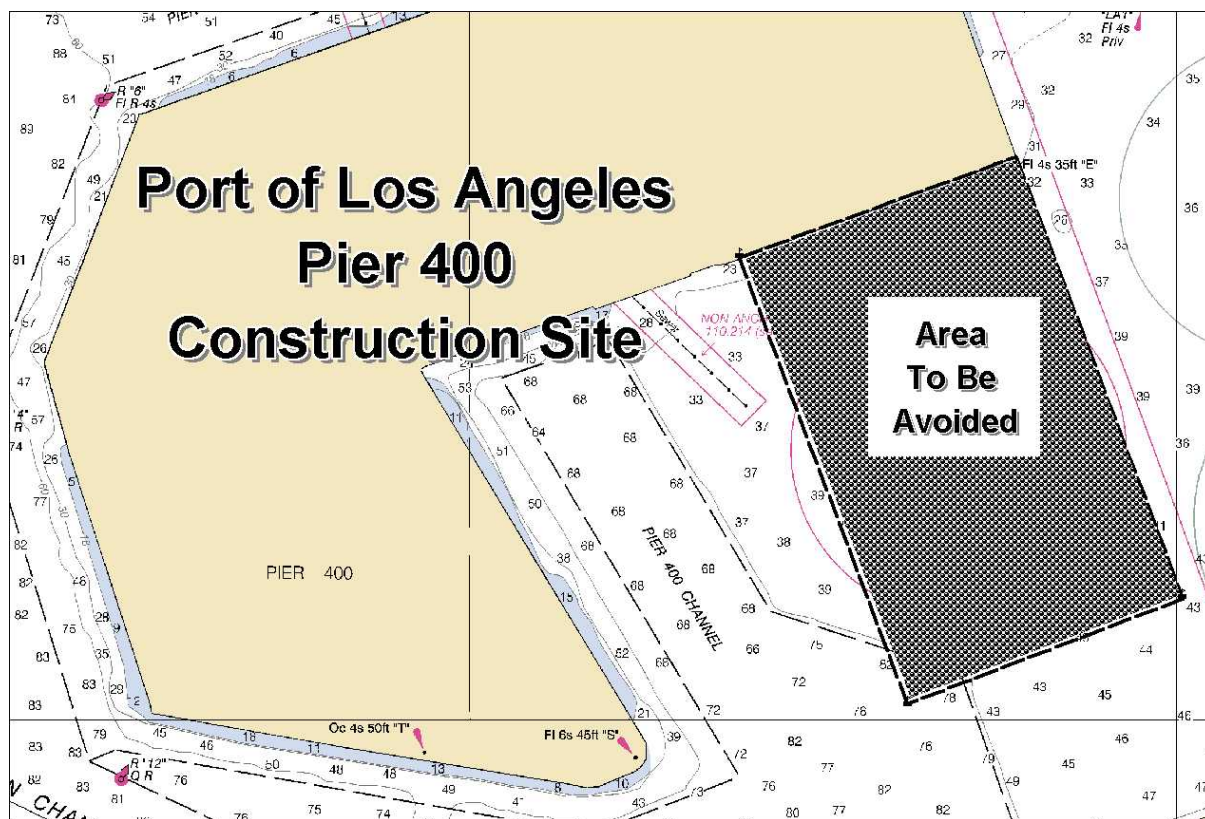
R.G. Brunke
Chief, Aids to Navigation and
Waterways Management Branch

06 May 2003



LNМ 18/03

The following is not intended for navigation, but is included to provide clarity for the Pier 400 Construction Site.



OFFICIAL BUSINESS
PENALTY FOR PRIVATE USE - \$300

DEPARTMENT OF HOMELAND SECURITY
UNITED STATES COAST GUARD
COMMANDER, 11TH COAST GUARD DISTRICT (com)
COAST GUARD ISLAND, BLDG 50-6
ATAMEDA, CA 94501-5100

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